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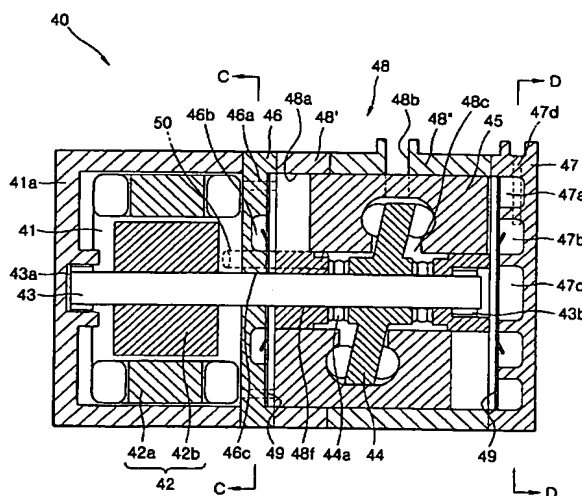
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[Continued on next page]

(54) Title: ELECTROMOTIVE SWASH PLATE TYPE COMPRESSOR



(57) Abstract: A compressor with an electromotive swash plate includes a front housing having a front discharge chamber for discharging a firstly compressed refrigerant, a rear housing having a rear suction chamber communicating with the front discharge chamber to receive the firstly compressed refrigerant and a rear discharge chamber for discharging a secondly compressed refrigerant, the rear suction chamber and the rear discharge chamber being divided by a partition, a cylinder block disposed between the front and rear housings, the cylinder block being provided with a swash plate chamber receiving the swash plate, a plurality of bores in which respective pistons are slidably installed, a discharge gas passage for assigning refrigerant flow between the front and rear housings, a driving shaft mounted in the cylinder block, the driving shaft being rotated by a motor received in a motor chamber formed adjacent to one of the front and rear housings, and a plurality of dual-head pistons reciprocating in the bore due to the inclination of the swash plate.



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